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Nikon

En Added Functions

The *Z 50 Reference Manual* is for “C” firmware version 2.20. This supplement details the new features and changes introduced with camera “C” firmware versions 2.30, 2.40, and 2.50. The two documents are to be read together.

Updating Camera Firmware

To view the camera firmware version or update the camera firmware, select **Firmware version** in the setup menu. The latest firmware for the Z 50 is available for download from the Nikon Download Center.
https://downloadcenter.nikonimglib.com/

Features Available with "C" Firmware Version 2.30

New Options for Custom Setting f2 "Custom Controls (Shooting)": "Save Focus Position" and "Recall Focus Position"

Save focus position and **Recall focus position** have been added to the roles that can be assigned to camera controls using Custom Setting f2 (**Custom controls (shooting)**). You can save the current focus position by assigning **Save focus position** to **Lens Fn button** and then pressing and holding the lens **Fn** button. The saved position can be instantly restored by assigning **Recall focus position** to **Lens Fn2 button** and pressing the lens **Fn2** button ("memory recall"). You may find this useful if you frequently return to subjects at a fixed focus distance.

- Memory recall is available only when an autofocus Z mount lens equipped with **Fn** and **Fn2** buttons is mounted on the camera. If the lens is not equipped with an **Fn2** button, the camera cannot save the focus position even if the **Save focus position** is assigned to the lens **Fn** button.
- Focus positions can be saved and recalled in both photo and movie modes.
- Focus positions can be saved in any focus mode.
- The stored focus position is reset when the lens is detached.

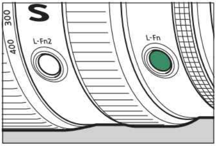
Memory Recall

1 Select **Save focus position** for Custom Setting f2 (**Custom controls (Shooting)**) > **Lens Fn button.**

2 Select **Recall focus position** for Custom Setting f2 (**Custom controls (Shooting)**) > **Lens Fn2 button.**

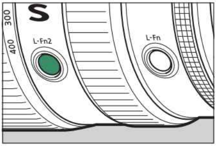
3 **Focus on the desired subject in the shooting display and press and hold the lens Fn button.**

If the operation is successful, an icon will appear in the shooting display to indicate that the focus position has been saved.



4 **Press the lens Fn2 button.**

- The saved focus position will be restored.
- Holding the lens **Fn2** button activates manual focus, and the camera will not refocus if the shutter-release button is pressed halfway while the control is pressed.



Cautions: Memory Recall

- Focus positions cannot be saved while shooting information is displayed.
- Changes in ambient temperature may result in focus being recalled to a position different from that at which it was saved.
- Previously-saved focus positions tend to change if recalled after lens focal length is adjusted via zoom. If a saved focus position is recalled after the lens focal length is adjusted, the camera will sound four short beeps, provided that an option other than **Off** is selected for **Beep options** > **Beep on/off** in the setup menu.

Beep

- If an option other than **Off** is selected for **Beep options** > **Beep on/off** in the setup menu, the camera will sound two short beeps when a focus position is saved or recalled in photo mode.
- A beep does not sound in silent photography, movie mode or when **Off** is selected for **Beep options** > **Beep on/off**.

Features Available with "C" Firmware Version 2.40

Support for Eye-Detection AF in Movie Mode

Updating to "C" firmware version 2.40 allows the use of eye-detection AF (a feature that detects and focuses on the eyes of humans, dogs, and cats) in movie mode, a mode in which it was not supported in earlier versions ("C" firmware versions 2.30 and earlier).

"C" firmware versions 2.30 and earlier

"C" firmware version 2.40

Features Available with "C" Firmware Version 2.50

Support for Power Zoom Lenses

New Options for Custom Settings f2 "Custom Controls (Shooting)" and g2 "Custom Controls": "Power Zoom +" and "Power Zoom –"

Power zoom + and **Power zoom –** have been added to the roles that can be assigned to camera controls for Custom Settings f2 **Custom controls (shooting)** and g2 **Custom controls**. If you assign **Power zoom +** to **Fn1 button**, you can zoom in electronically (power zoom) while pressing the **Fn1** button. If you assign **Power zoom –** to **Fn2 button**, you can zoom out electronically while pressing the **Fn2** button.

- These options apply only with power zoom lenses.
- When **Fn1 button** in Custom Setting f2 **Custom controls (shooting)** or g2 **Custom controls** is set to **Power zoom +**, **Power zoom –** is selected for **Fn2 button**.
- When **Fn2 button** in Custom Setting f2 **Custom controls (shooting)** or g2 **Custom controls** is set to **Power zoom –**, **Power zoom +** is selected for **Fn1 button**.
- In self-portrait mode, power zoom operation using the **Fn1** and **Fn2** buttons is disabled.

New Options for Custom Settings: f7 and g5 "Power Zoom (PZ) Button Options"

Power zoom (PZ) button options has been added as Custom Settings f7 and g5. Adjust the power zoom settings.

Item	Description
Use ⊕/⊖ buttons	If **On** is selected, you can zoom in electronically while pressing the ⊕ button and zoom out while pressing the ⊖/**?** button (power zoom). • If the ML-L7 Remote Control is connected to the camera, you can also zoom with the remote control's + button (telephoto) and – button (wide-angle) when **On** is selected.
Power zoom speed	You can select the speed at which the lens zooms in and out using buttons assigned with the power zoom role by selecting negative values for a slower speed, or positive values for a faster speed. • In Custom Setting g5 **Power zoom (PZ) button options**, you can set **Pre/post recording** and **During recording** separately.

- These options apply only with power zoom lenses.
- The addition of this menu item has changed the number of Custom Setting **Highlight display** from g5 to g6.

✅ Lens Noise

Noise from the lens during zoom may be audible in video footage. If you notice lens noise when you use buttons assigned with the power zoom role, setting Custom Setting g5 **Power zoom (PZ) button options** > **Power zoom speed** > **During recording** to slower zoom speeds is recommended.

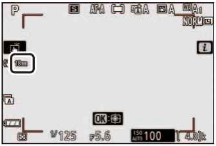
▮▮ *New Option for the Setup Menu: "Save Zoom Position (PZ Lenses)"*

A **Save zoom position (PZ lenses)** option has been added to the setup menu. If **On** is selected, the camera will save the zoom position in effect when the camera is turned off and restore it when the camera is turned on.

- This option applies only with power zoom lenses.
- The zoom position is reset if the lens is replaced by one with a different product name.

▮▮ *New Indicator for Focal Length in the Shooting Display*

A focal length indicator has been added to the shooting display. Displayed only with power zoom lenses.



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